

Power Cost Memorandum Fuel Cost Update and Surcharge Change

Date: April 1, 2021

Utility Name (Cert. No.) UNALASKA, CITY of (106)	Utility File No. PC39-1018B	Date Filed: March 8, 2021
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PCE AMOUNT SUMMARY	Previously Approved PC39-1018A	Staff Recommended PC39-1018B
Class Rate	<u>Date Approved:</u> March 19, 2021	<u>Effective Date</u> April 2, 2021
Residential	\$0.0744	\$0.0895
Small General	\$0.0744	\$0.0895
Large General	\$0.0744	\$0.0895
Industrial	\$0.0744	\$0.0895
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: \$ <u>1.8705</u>	New Fuel Purchase Price: \$ <u>2.1117</u>
<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Delivery Charge: <u>N/A</u>	Surcharge Change: Previous <u>0.12975</u> Updated <u>0.13995</u>

Signed: *Brenda Cox*
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 4/1/21)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
Kurber		<i>KKT</i>		
Scott		<i>AGS</i>		
Sullivan		<i>DS</i>		
Wilson		<i>JW</i>		

Special Instructions to Staff:

*If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

CITY OF UNALASKA

POWER COST EQUALIZATION CALCULATION
 BASED ON NON-FUEL COSTS FROM THE
 TEST YEAR ENDING JUNE 30, 2018
 Fuel Cost Update and Surcharge Change

	PC39-1018A	PC39-1018B
	Prior Commission Approval	Staff Recommended
A. Total kWh Generated	57,936,250	57,936,250
B. Total kWh Sold (Appendix 2)	55,325,767	55,325,767
C. Total Non-Fuel Costs (Appendix 2)	8,931,391	8,931,391
D. Non-Fuel Cost/KWH (C / B)	\$0.1614	\$0.1614
E. Total Fuel and Purchased Power Costs	6,814,873	7,693,628
F. Fuel and Purchased Power Costs/KWH	\$0.1232	\$0.1391
G. Eligible Costs/KWH (D + F)	\$0.2846	\$0.3005
H. Eligible Cost/KWH (G) less base rate in effect	\$0.0783	\$0.0942
I. Lesser of (H) or 79.37 cents/kWh	\$0.0783	\$0.0942
J. Average Class Rates (Appendix 3)		
Residential	\$0.1734	\$0.1836
Small General	\$0.1489	\$0.1591
Large General	\$0.1974	\$0.2076
Industrial	\$0.2673	\$0.2775
Class Power Cost Equalization Per kWh Payable		
K. Lesser of: (I) x 95%, or (J)		
Residential	\$0.0744	\$0.0895
Small General	\$0.0744	\$0.0895
Large General	\$0.0744	\$0.0895
Industrial	\$0.0744	\$0.0895
L. Funding Level in Effect	100%	100%
Residential	\$0.0744	\$0.0895
Small General	\$0.0744	\$0.0895
Large General	\$0.0744	\$0.0895
Industrial	\$0.0744	\$0.0895

CITY OF UNALASKA

SCHEDULE OF ELIGIBLE POWER COSTS, SALES AND EFFICIENCY
 BASED ON NON-FUEL COSTS FROM THE
 TEST YEAR ENDING JUNE 30, 2018
 Fuel Cost Update and Surcharge Change

				PC39-1018A	PC39-1018B	
				Prior Commission Approval	Per Utility	Staff Recommended
Non-Fuel Costs:						
A.	Personnel Costs			2,342,446	2,342,446	2,342,446
B.	Operating Expenses			8,709	8,709	8,709
C.	General and Administrative/Facilities Main.			126,448	126,448	126,448
D.	Administration			1,510,037	1,510,037	1,510,037
E.	Interest Expense/Power Production			542,674	542,674	542,674
F.	Other (Describe)/Line Repair & Maint.			1,201,781	1,201,781	1,201,781
G.	Depreciaton			3,199,297	3,199,297	3,199,297
H.	Total Non-Fuel Costs			8,931,391	8,931,391	8,931,391
Fuel Costs:						
I.	Gallons Consumed for Electric Generation			3,643,265	3,643,265	3,643,265
J.	Price of Fuel: (per gal.)	2/28/2021		\$1.8705	\$2.1117	\$2.1117
K.	Total Cost of Fuel			\$6,814,873	\$7,693,628	\$7,693,628
L.	Total Cost of Purchased Power			\$0	\$0	\$0
M.	TOTAL fuel cost & purchased power			\$6,814,873	\$7,693,628	\$7,693,628
N.	kWh Sold			55,325,767	55,325,767	55,325,767
O.	kWh Station Service			866,641	866,641	866,641
P.	Efficiency	≥	13.5	15.90	15.90	15.90
Q.	Line Loss	≤	12%	3.01%	3.01%	3.01%
(kWh generated-(kWh sold + Station Service))/kWh generated						

CITY OF UNALASKA

Surcharge 0.139950

Calculation of Average Class Rate per kWh

Rate Schedule: Residential

Customer Charge (CC): \$8.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2063 kWh
500	0.233950	0.139950	0.373900	194.95	0.38990	0.1836
500				194.95	0.38990	0.1836
TOTAL (A)						(E)

Rate Schedule: Small General

Customer Charge (CC): \$10.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2063 kWh
500	0.205450	0.139950	0.345400	182.70	0.36540	0.1591
500				182.70	0.36540	0.1591
TOTAL (A)						(E)

Rate Schedule: Large General

Customer Charge (CC): \$50.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2063 kWh
500	0.173950	0.139950	0.313900	206.95	0.41390	0.2076
500				206.95	0.41390	0.2076
TOTAL (A)						(E)

Rate Schedule: Industrial

Customer Charge (CC): \$100.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2063 kWh
500	0.143850	0.139950	0.283800	241.90	0.48380	0.2775
500				241.90	0.48380	0.2775
TOTAL (A)						(E)

Signature: 

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